

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

**SUBJECT:** Toxicological Review of HW02 Data 12 March 2012  
Dimock, PA

**FROM:** Dawn A. Ioven, toxicologist  
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**TO:** Rich Fetzer, OSC  
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On 25 January 2012, U.S. EPA collected water samples from HW02 in Dimock. The samples were analyzed for over 200 constituents, including volatile organic compounds, semi-volatile compounds, metals and bacteria. The analytical results were then validated and compared to risk-based screening levels and/or standards for public drinking water supplies.

In HW02, the total coliform count was 82 cfu/100 mL. The purpose of analyzing for total coliform is to indicate the potential presence of fecal coliform, which is an illness-causing member of the coliform family. However, in HW02, no fecal coliform was observed in the collected samples.

Arsenic was observed in HW02 at 4.0 ug/L. This concentration is less than the risk-based screening level for arsenic in tap water (4.5 ug/L), as well as the enforceable drinking standard for public water supplies (10 ug/L).

Overall, no constituents were detected at levels of concern in this well. Based on the data, no unacceptable risk is anticipated from consumption or household use of water from HW02.



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